

GOLDIE

Appl. No. 10/812,918

June 16, 2005

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-6 – Cancelled.

7. (New) An MRI apparatus which comprises an MRI shim coil having a plurality of layers with a plurality of turns wherein the MRI shim coil is wound in two or more sections, each section of the MRI coil incorporating some or all of said plurality of layers, but only some of the turns in each layer.

8. (New) An MRI apparatus as in claim 7 wherein insulating material is disposed between each layer of turns in addition to the insulation otherwise disposed about each conductor.

9. (New) An MRI apparatus as in claim 8 wherein the insulating material is glass cloth.

10-15. Cancelled.